

# CERRO COPPER PRODUCTS CO.

A member of The Marmon Group of companies

## INTERNAL MEMORANDUM

OTHER ADDRESSEES - FOR INFORMATION

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HQ-10 SHOW NAME, TITLE AND UNIT OF ADDRESSEE AND ADDRESSOR

TO: Paul Tandler

DATE: August 9, 1983

FROM: Roy Brown

SUBJECT: Cerro Lift Station

This lift station was designed and supplied by the Can-Tex Corporation on or about April 1, 1966. Part and parcel with this installation was a propriatory control system to switch the pumps off and on through an alternating relay. This relay is activated by a pressure switch which gets its signal from the back pressure of a bubble pipe submerged into the wet well.

Recently we have incurred considerable expense by a malfunction of this system. To wit, the air lines are full of debris and frequently become stopped up, thus preventing the control sensing device to see the drop in pressure when the wet well is pumped down. The pumps then continue to run until they lose their prime resulting in the pump running dry and destroying the packing in the pump. Replacing of the air line piping would be very expensive since it is in the wet well as well as the pump station underground.

The Can-Tex Corporation is no longer in business and all repairs for the propriatory control system must be made with bastardized parts. Due to technological gains in the state of the arts, governing liquid level controls since 1966, I would highly recommend a Doppler type control with a new solid state alternating relay as opposed to attempting repair on this 17-year old system that is plagued by unavailability of parts.

My question is whether I should pursue the engineering on this project and who should pay for replacement - Cerro or the Village Treatment Plant. My estimate would be approximately \$2,500 for instrumentation plus installation by our people of approximately \$500.

I shall await your approval before proceeding.



RB/jl

cc/ S. Silvestri

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